

Abstract

[0059] A bioremediation method and system for destroying or reducing the level of contaminants in a contaminated subterranean body of water includes a plurality of injection conduits. Each injection conduit extends below ground and intersects a body of groundwater. A plurality of bore holes are formed in which a plurality of injection conduits are disposed. Each of the injection conduits includes an injection site formed at an end thereof, which are to be located in the groundwater at predetermined locations and depths. The injection conduits and thus the plurality of injection sites are in communication with a supply of concentrated oxygen. The oxygen is conveyed by a delivery mechanism from the supply of oxygen to the injection sites.